



**UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office**

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APPLICATION NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
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08/117,363 09/03/93 COOK

P 1S1S1169

03A1/0927

JOSEPH LUCCI
WOODCOCK, WASHBURN, KURTZ,
MACKIEWICZ & NORRIS
ONE LIBERTY PLACE-46TH FLOOR
PHILADELPHIA, PA 19103

DATE MAILED: 0000

**NOTICE TO FILE MISSING PARTS OF APPLICATION
FILING DATE GRANTED**

09/27/93

An Application Number and Filing Date have been assigned to this application. However, the items indicated below are missing. The required items and fees identified below must be timely submitted **ALONG WITH THE PAYMENT OF A SURCHARGE** for items 1 and 3-6 only of \$ 130 for large entities or \$ 65.00 for small entities who have filed a verified statement claiming such status. The surcharge is set forth in 37 CFR 1.16(e).

If all required items on this form are filed within the period set forth, the total amount owed by applicant as a ☐ large entity, ☐ small entity (verified statement filed), is \$ 650.00.

Applicant is given **ONE MONTH FROM THE DATE OF THIS LETTER, OR TWO MONTHS FROM THE FILING DATE** of this application, **WHICHEVER IS LATER**, within which to file all required items and pay any fees required above to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

1. ☒ The statutory basic filing fee is: ☐ missing ☐ insufficient. Applicant as a ☐ large entity ☐ small entity, must submit \$ 140 to complete the basic filing fee.

2. ☒ Additional claim fees of \$ 330 as a ☒ large entity, ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

3. ☐ The oath or declaration:

☐ is missing.

☐ does not cover items omitted at time of execution.

An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date is required.

4. ☐ The oath or declaration does not identify the application to which it applies. An oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

5. ☒ The signature to the oath or declaration is: ☒ missing; ☐ a reproduction; ☐ by a person other than the inventor or a person qualified under 37 CFR 1.42, 1.43, or 1.47. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.

6. ☐ The signature of the following joint inventor(s) is missing from the oath or declaration:

_____. An oath or declaration listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date, is required.

7. ☐ The application was filed in a language other than English. Applicant must file a verified English translation of the application and a fee of \$ _____ under 37 CFR 1.17(k), unless this fee has already been paid.

8. ☐ A \$ _____ processing fee is required for returned checks. (37 CFR 1.21(m)).

9. ☐ Your filing receipt was mailed in error because check was returned without payment.

10. ☒ The application does not comply with the Sequence Rules. See attached Notice to Comply with Sequence Rules 37 CFR 1.821-1.825.

11. ☐ Other.

Direct the response and any questions about this notice to Matthew Smith, Application Processing Division, Special Processing and Correspondence Branch (703) 308-1202.

A copy of this notice MUST be returned with the response.

DOCKET NO.: ISIS-1169

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Phillip Dan Cook and Muthian Manoharan

Serial No.: 08/117,363

Group No.: N/A.

Filed: September 3, 1993

Examiner: Not Yet Assigned.

For: Amine-Derivatized Nucleosides and
Oligonucleosides

BOX SEQUENCE

Commissioner of Patents & Trademarks
Washington, DC 20231

I, Joseph Luccl, Registration No. 33,307 certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

On Nov. 3, 1993
Joseph Luccl
Joseph Luccl, Reg. No. 33,307

Sir:

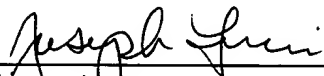
**RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURE**

In response to the "Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures" dated **September 27, 1993**, a response to which is due **November 3, 1993**, enclosed herewith is:

- (XX) Statement to Support Filing and Submission in Accordance with 37 CFR §§1.821 through 1.825;
- (XX) Substitute pages of the Sequence Listing;
- (XX) Substitute copy of the computer readable form of amended Sequence Listing;
- (XX) Copy of Notice to Comply With Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures;

The Commissioner is hereby authorized to charge any underpayment associated with this communication or credit any overpayment to Deposit Account No. 23-3050. This sheet is attached in triplicate.

Date: November 3, 1993



Signature

Joseph Lucci

Registration No. 33,307

WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS
One Liberty Place - 46th Floor
Philadelphia, PA 19103
(215) 568-3100

3A0 45.205 #5 A/N
DOCKET NO.: ISIS-1169

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In patent application of:

Phillip Dan Cook and Muthian Manoharan

Serial No.: 08/117,363

Group No.: N/A.

Filed: September 3, 1993

Examiner: Not yet assigned.

For: Amine-Derivatized Nucleosides and
Oligonucleosides

I, Joseph Lucci, Registration No. 33,307 certify that this correspondence is being deposited with the U.S. Postal Service as First Class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

On Nov. 3, 1993
Joseph Lucci
Joseph Lucci, Reg. No. 33,307

ATTN: APPLICATION DIVISION, SPECIAL
HANDLING UNIT

Commissioner of Patents & Trademarks
Washington, DC 20231

Sir:

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

In response to the "Notice to File Missing Parts of Application--Filing Date Granted" dated **September 27, 1993**, a response to which is due **November 3, 1993**, enclosed herewith for filing is the original Combined Declaration and Power of Attorney, executed by the inventor(s). An unexecuted copy of this document, attached to the above-identified specification, was filed by Express Mail No. **TB428839862US** on **September 3, 1993**.

(xx) An Associate Power of Attorney is also enclosed.

() Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Verified Statement previously submitted on _____.

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**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING
NUCLEOTIDE SEQUENCES AND/OR AMINO ACID SEQUENCES DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29 May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).
- ☐ 7.

Other: _____

Applicant must provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123
For CRF submission help, call (703) 308-4212
For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.